

Title (en)

DEVICES FOR PUMPING BLOOD, RELATED SYSTEMS, AND RELATED METHODS

Title (de)

VORRICHTUNGEN ZUM PUMPEN VON BLUT, ZUGEHÖRIGE SYSTEME UND ZUGEHÖRIGE VERFAHREN

Title (fr)

DISPOSITIFS DE POMPAGE DE SANG, SYSTÈMES ASSOCIÉS ET MÉTHODES ASSOCIÉES

Publication

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Application

EP 18868371 A 20181016

Priority

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Abstract (en)

[origin: US2019117865A1] An intravascular device for pumping blood includes a catheter comprising a membrane chamber located between a proximal end and a distal end of the catheter. An inflatable membrane is disposed within the membrane chamber. The intravascular device includes a first one-way valve and optionally a second one-way valve configured to permit blood flow in a first direction. The first one-way valve may be positioned proximal to the membrane chamber, and the second one-way valve may be positioned distal to the membrane chamber. Methods related to intravascular devices and their respective use are provided.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

- [X] US 2004034272 A1 20040219 - DIAZ CESAR M [US], et al
- [X] WO 2010073890 A1 20100701 - CARDIO INC [JP], et al
- [X] WO 0041612 A2 20000720 - THERAPEE ADVANCED MEDICAL INNO [US]
- See also references of WO 2019079342A1

Designated contracting state (EPC)

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US 11351355 B2 20220607; **US 2019117865 A1 20190425**; AU 2018352587 A1 20200402; CN 111246897 A 20200605; CN 111246897 B 20231110; CN 117282014 A 20231226; EP 3672660 A1 20200701; EP 3672660 A4 20210526; JP 2021500197 A 20210107; JP 2023041800 A 20230324; JP 7273835 B2 20230515; US 2022273934 A1 20220901; WO 2019079342 A1 20190425

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